

Method for the genetic modification of organisms of the  
Blakeslea genus, corresponding organisms and use of the  
same

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Abstract

The invention relates to a method for producing a genetically modified organism of the *Blakeslea* genus, which method comprises the following steps

- 10       (i)       transformation of at least one of the cells,
- (ii)       optional homokaryotic conversion of the cells  
                    obtained in step (i) to produce cells, in which  
                    one or more genetic characteristics of the nuclei  
15               are all modified in an identical manner and said  
                    modification manifests itself in the cells, and
- (iii)      selection and cultivation of the genetically  
                    modified cell or cells.
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